

FIG. 1A

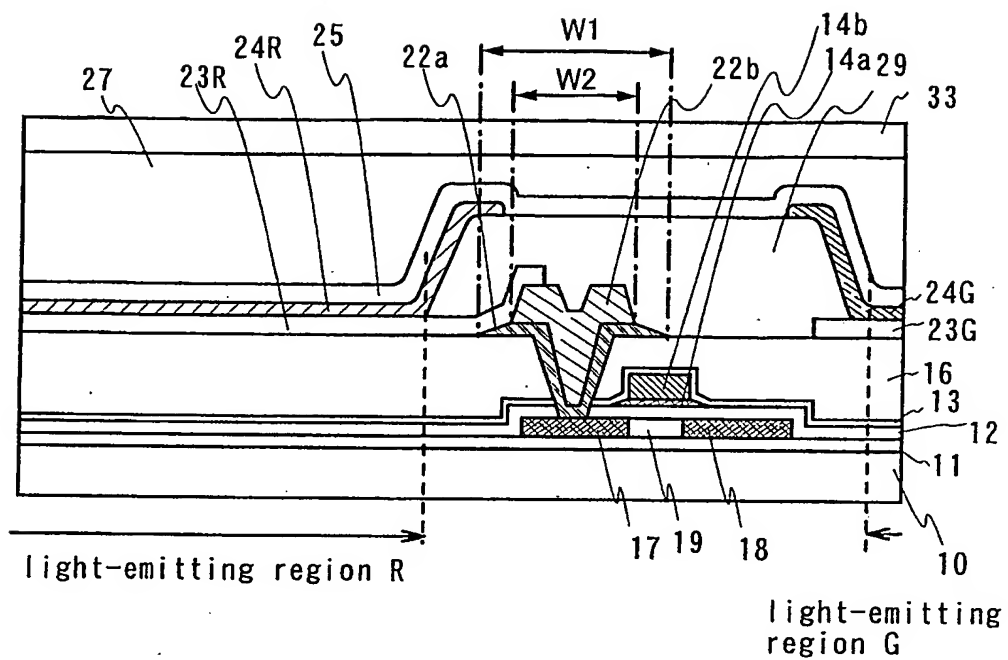


FIG. 1B

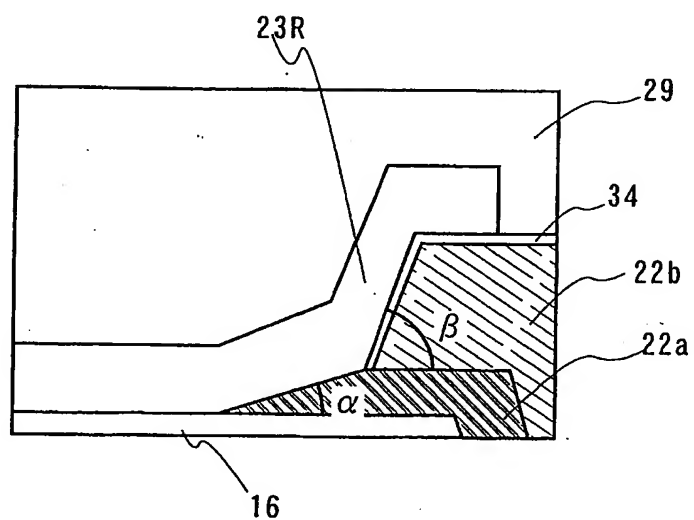


FIG. 2A

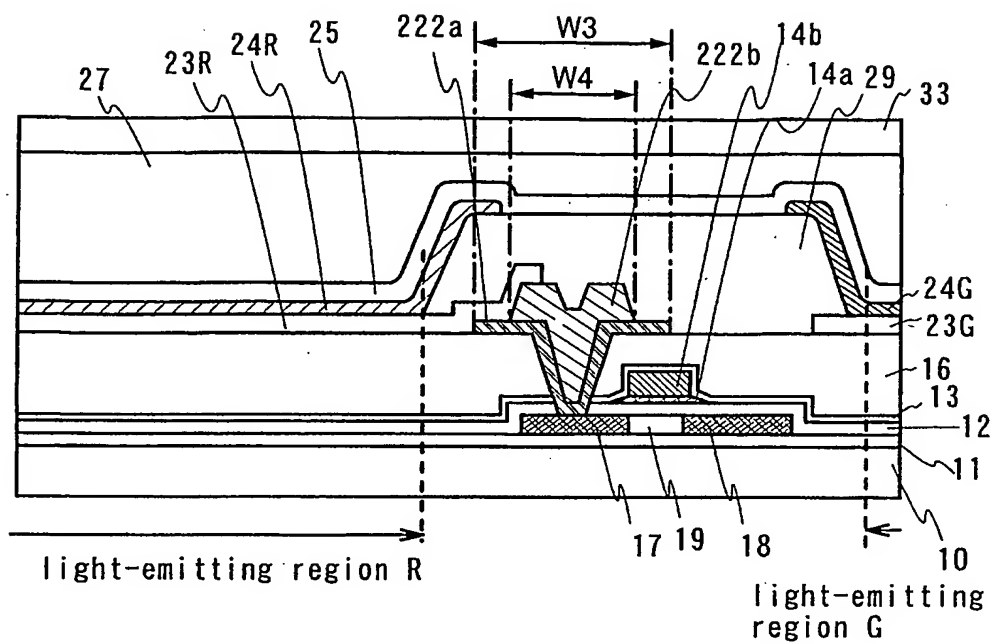
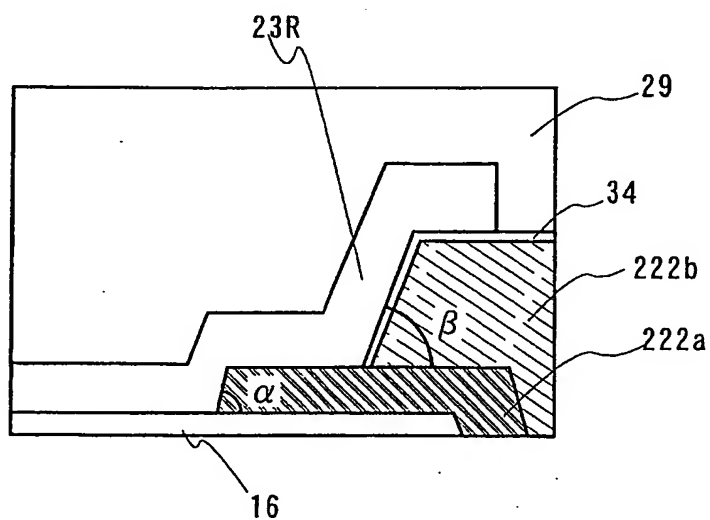


FIG. 2B



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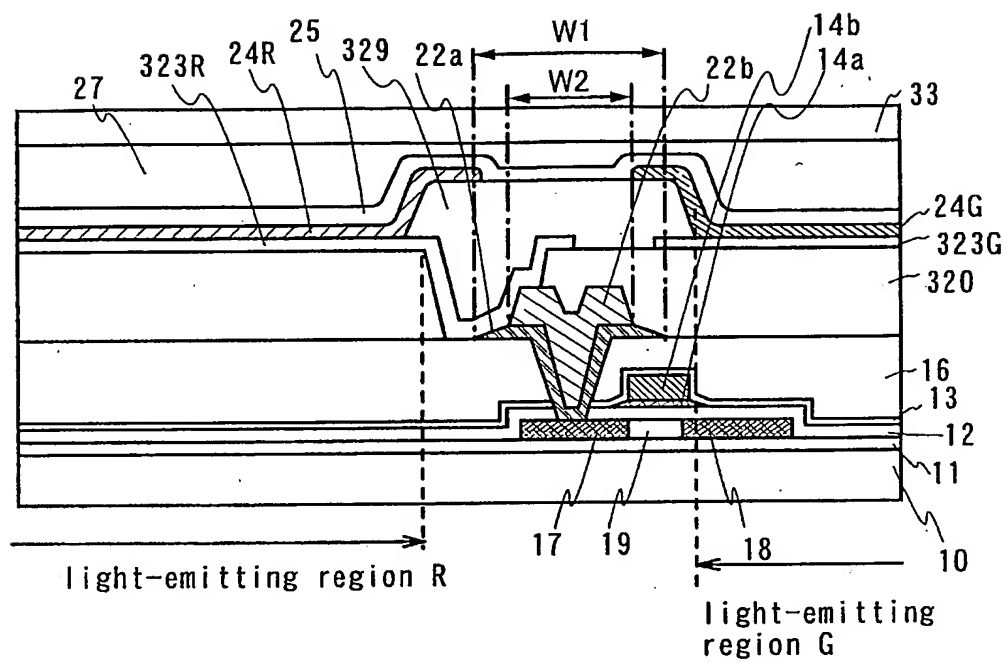


FIG. 3

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FIG. 4A



FIG. 4B



FIG. 4C

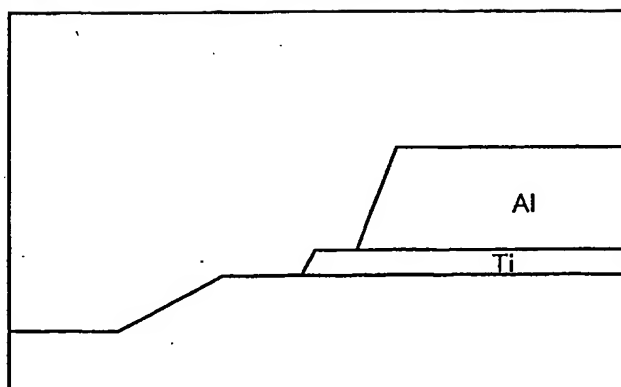


FIG. 5A

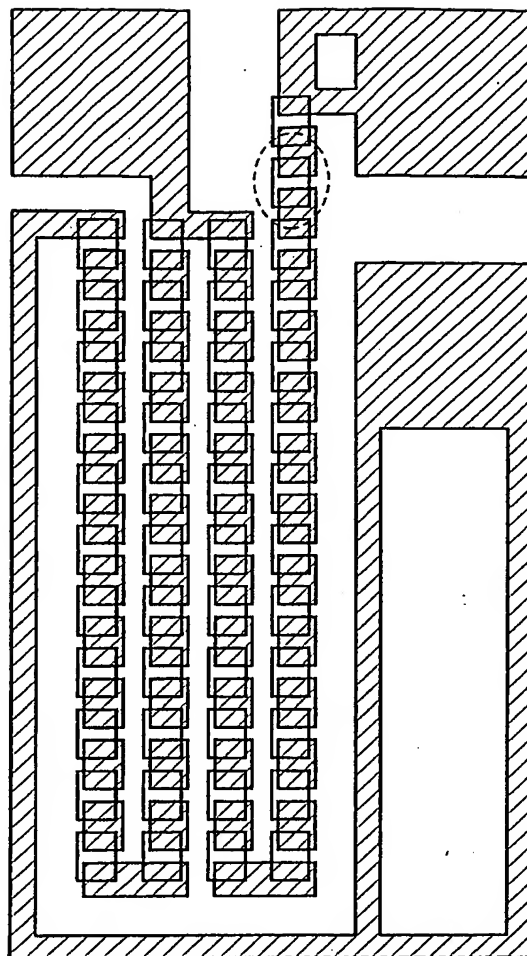
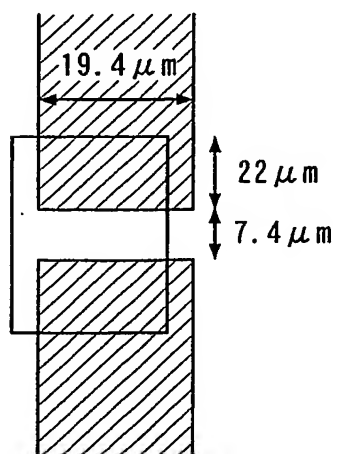


FIG. 5B



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FIG. 6A

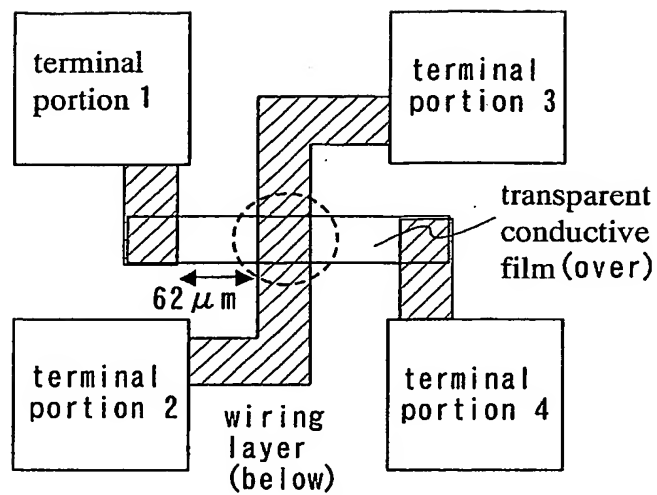


FIG. 6B

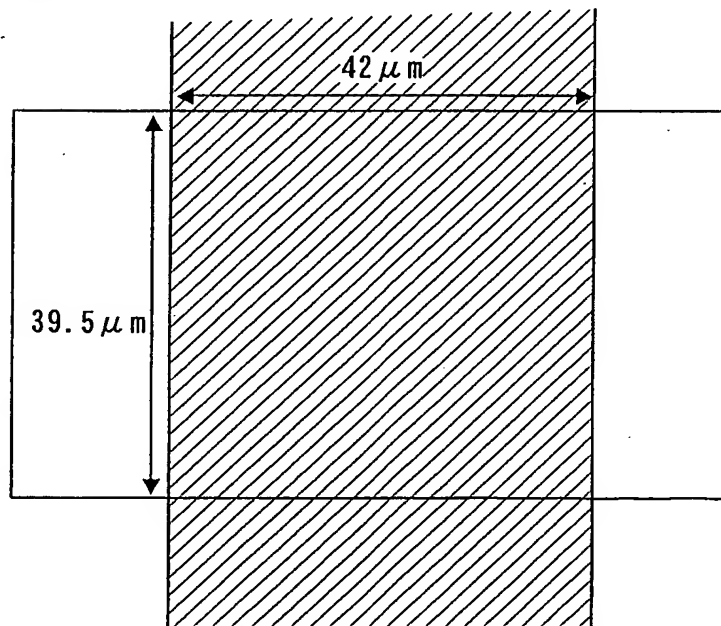
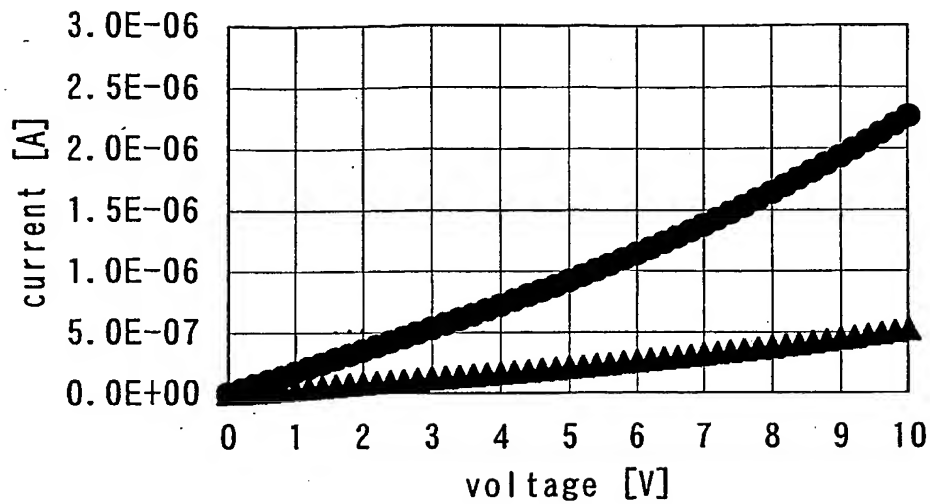
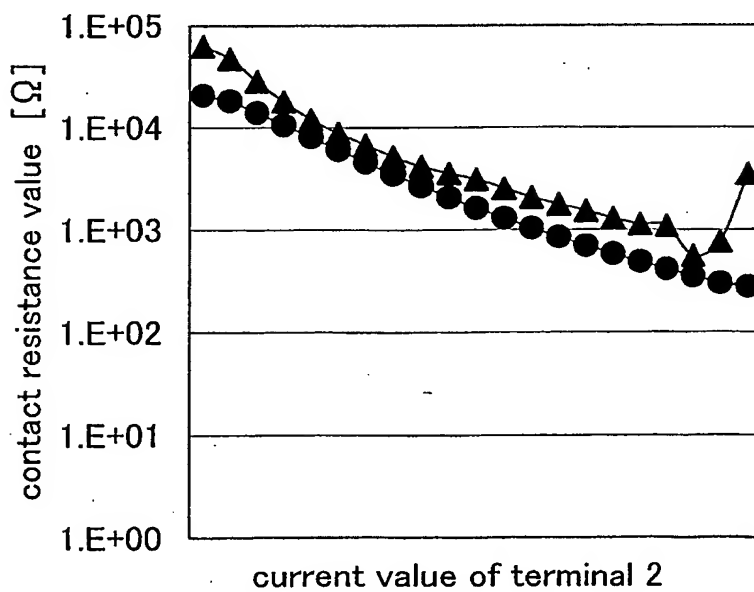


FIG. 7



▲ : sample 1 (comparative example)
● : sample 2 (present invention)

FIG. 8



▲ : sample 1 (comparative example)
● : sample 2 (present invention)

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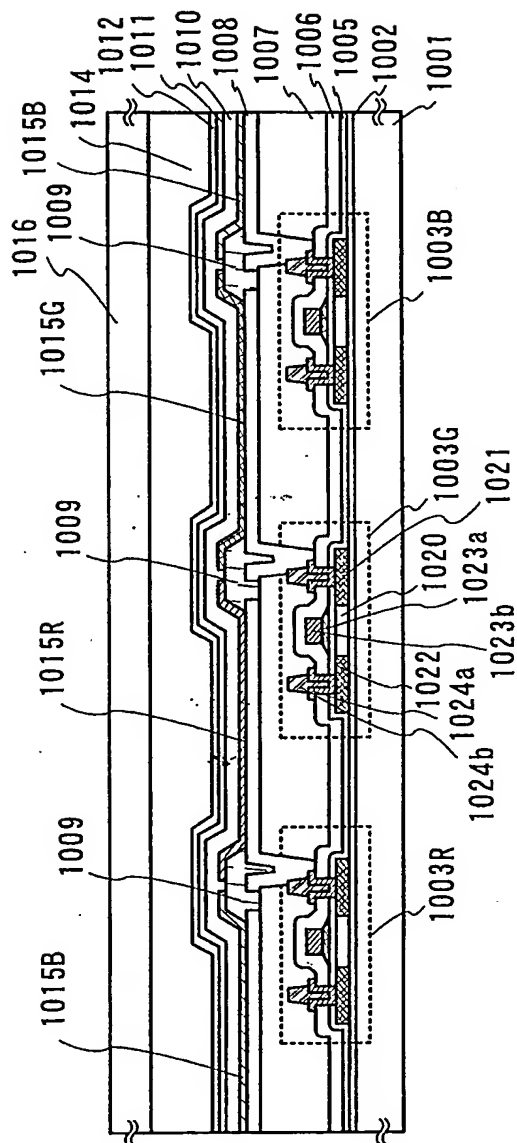


FIG. 9

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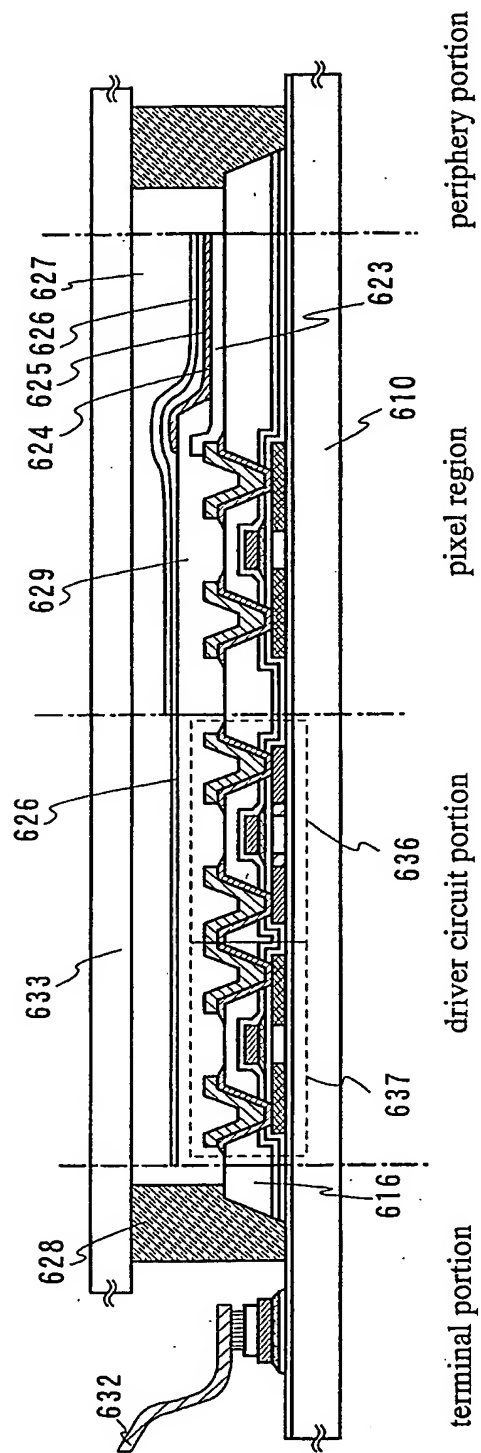


FIG. 10

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FIG. 11A

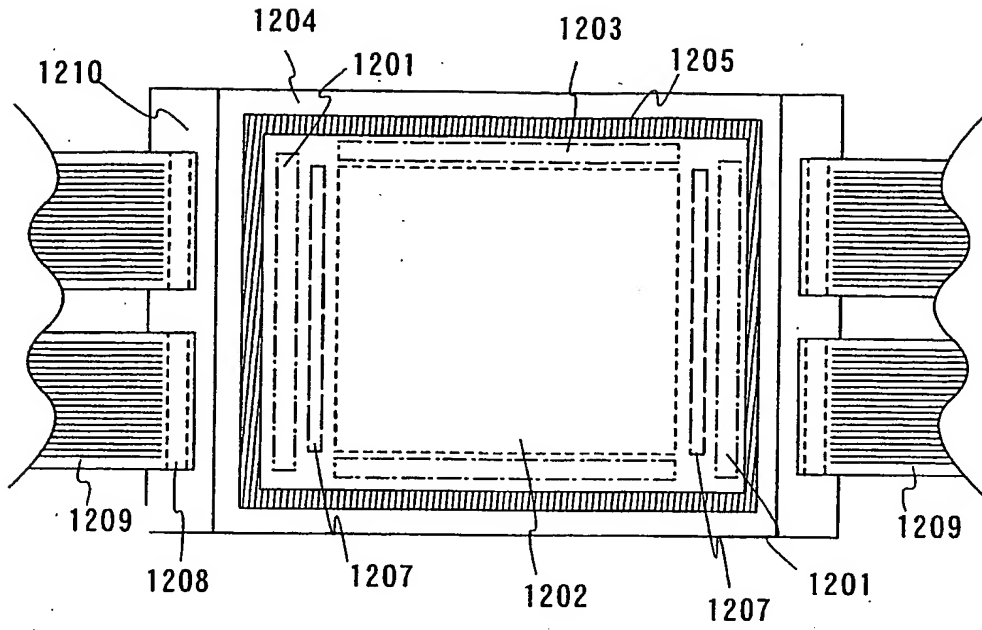
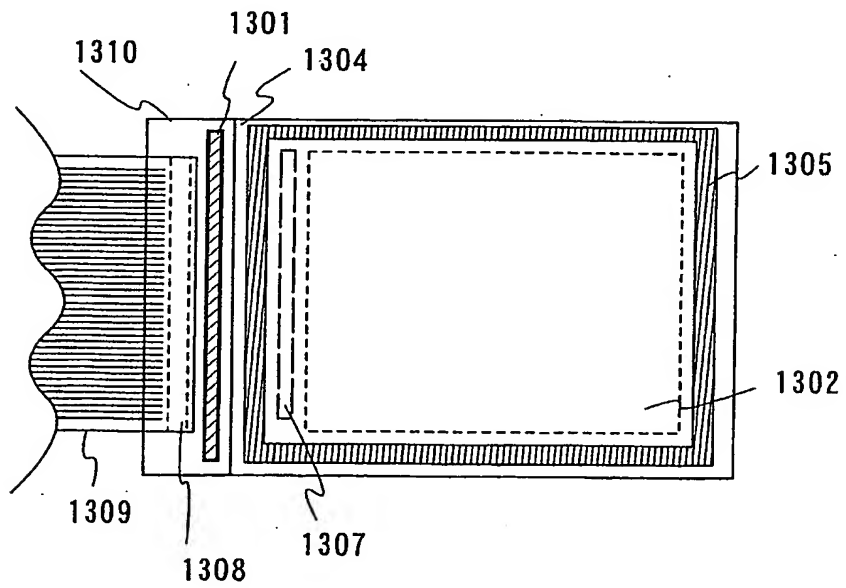


FIG. 11B



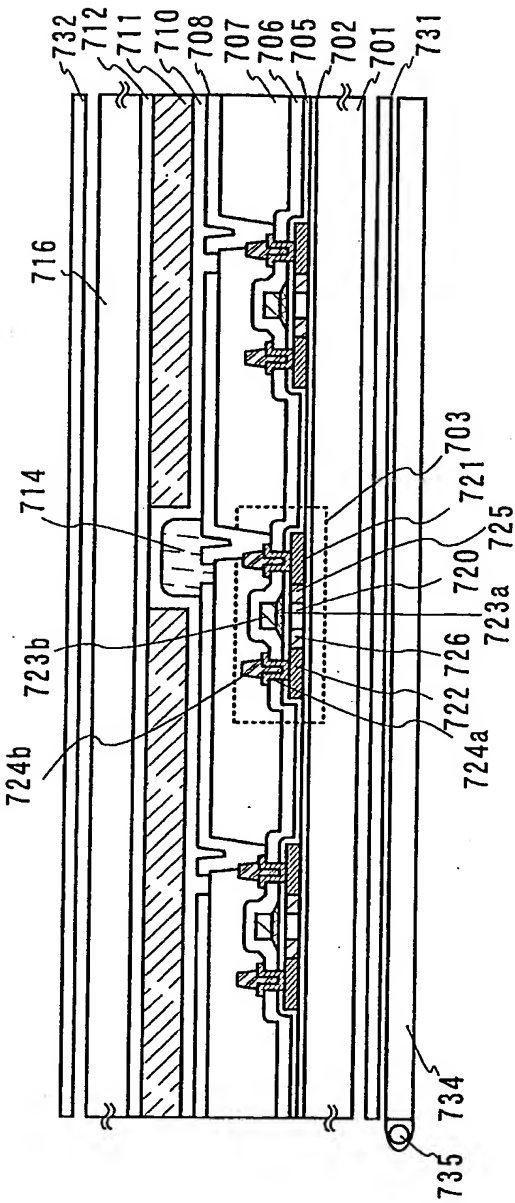


FIG. 12

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FIG. 13A

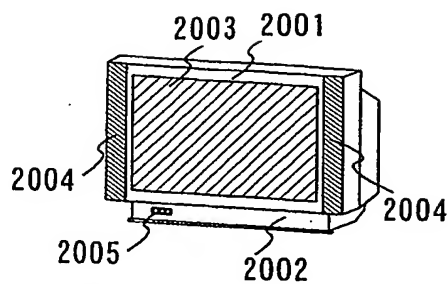


FIG. 13B

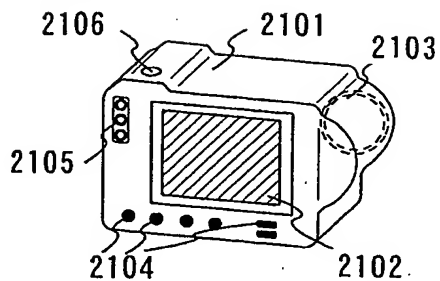


FIG. 13C

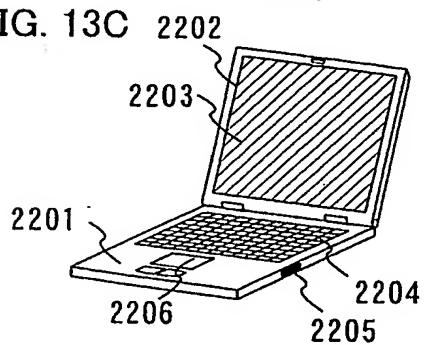


FIG. 13D

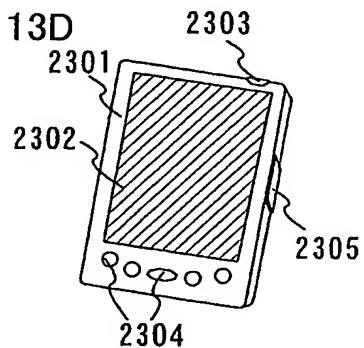


FIG. 13E

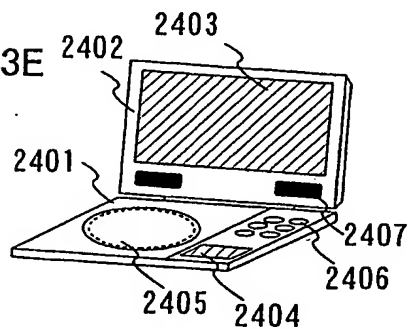


FIG. 13F

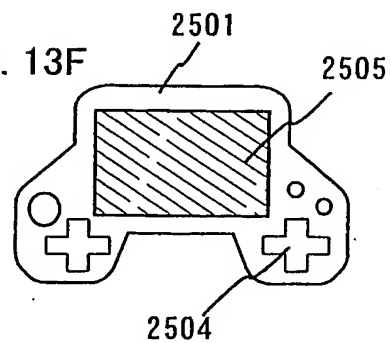


FIG. 13G

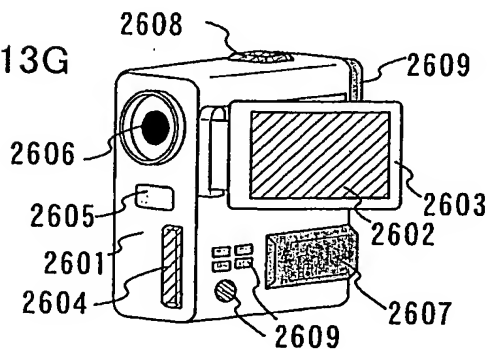
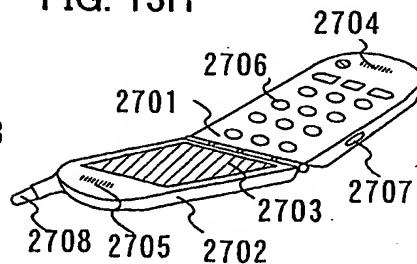


FIG. 13H



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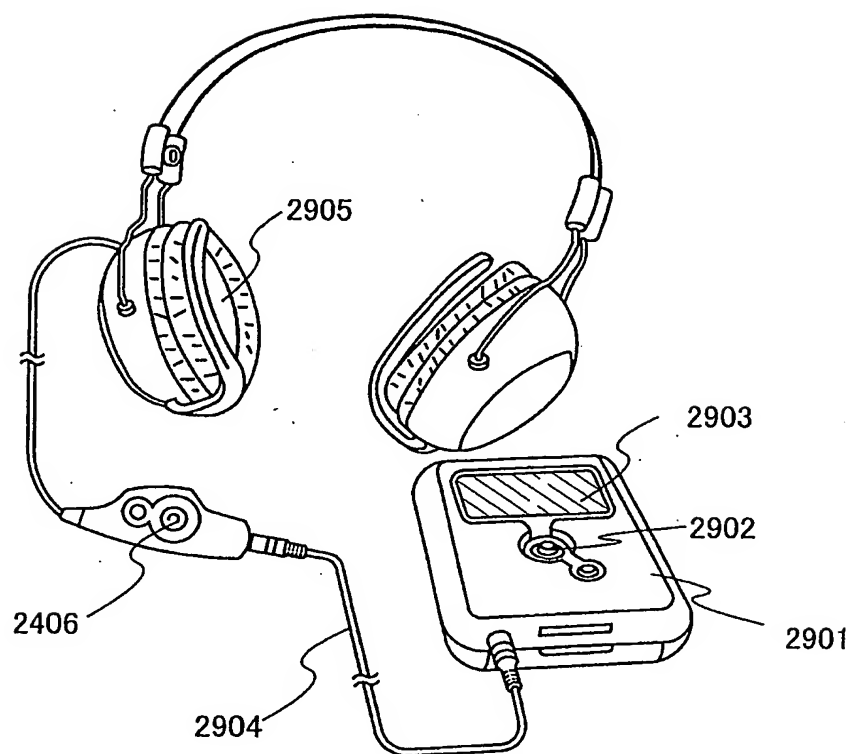
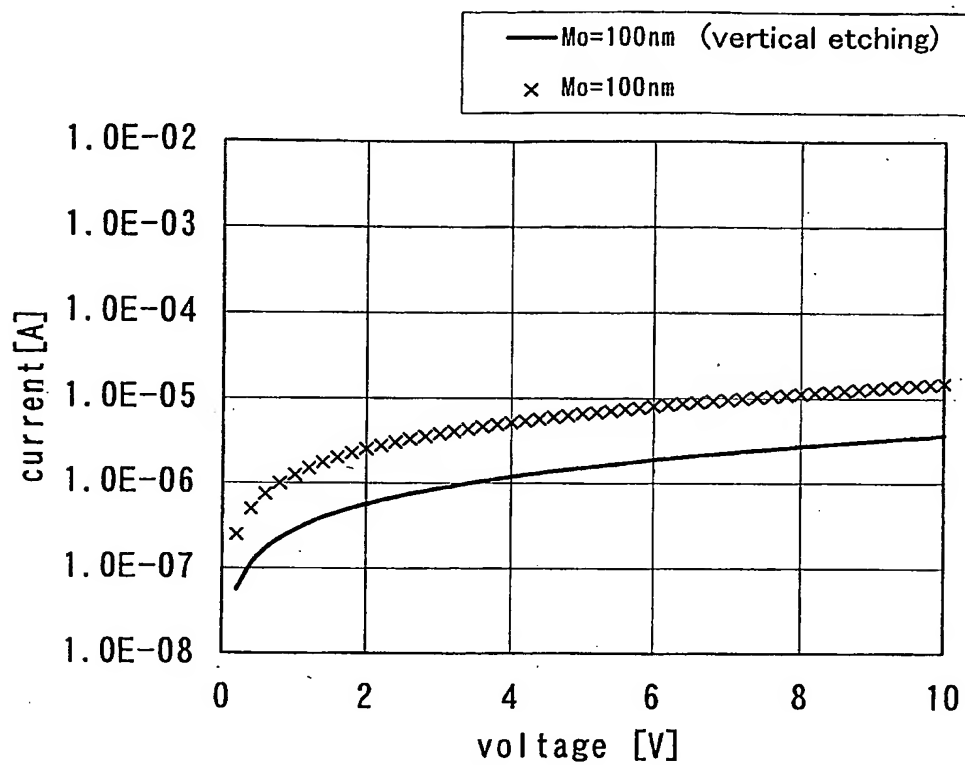


FIG. 14

FIG. 15



EXPLANATION OF REFERENCE NUMERAL

10: SUBSTRATE, 11: BASE INSULATING FILM, 12: GATE INSULATING FILM,
13: FIRST INTERLAYER INSULATING FILM, 14a: CONDUCTIVE LAYER, 14b:
5 CONDUCTIVE LAYER, 16: FLATTENING INSULATING FILM, 17: P-TYPE
HIGH-CONCENTRATION IMPURITY REGION, 18: P-TYPE
HIGH-CONCENTRATION IMPURITY REGION, 19: CHANNEL-FORMING
REGION, 22a: FIRST CONDUCTIVE LAYER, 22b: SECOND CONDUCTIVE
LAYER, 23R: FIRST ELECTRODE, 23G: FIRST ELECTRODE, 24R: LAYER
10 CONTAINING ORGANIC COMPOUND, 24G: LAYER CONTAINING ORGANIC
COMPOUND, 25: SECOND ELECTRODE, 27: REGION, 29: INSULATOR, 33:
SEALING SUBSTRATE, 34: ALUMINUM OXIDE FILM, 222a: FIRST
CONDUCTIVE LAYER, 222b: SECOND CONDUCTIVE LAYER, 320:
FLATTENING INSULATING FILM, 323R: FIRST ELECTRODE, 323G: FIRST
15 ELECTRODE, 329: INSULATOR, 610: SUBSTRATE, 616: FLATTENING
INSULATING FILM, 623: FIRST ELECTRODE, 624: LAYER CONTAINING
ORGANIC COMPOUND, 625: SECOND ELECTRODE, 626: TRANSPARENT
PROTECTIVE LAYER, 627: FILLING MATERIAL, 628: SEALING MATERIAL,
629: INSULATOR, 632: FPC, 633: SEALING SUBSTRATE, 636: N-CHANNEL TFT,
20 637: P-CHANNEL TFT, 701: FIRST SUBSTRATE, 702: BASE INSULATING FILM,
703: TFT, 705: GATE INSULATING FILM, 706: INTERLAYER INSULATING FILM,
707: FLATTENING INSULATING FILM, 708: PIXEL ELECTRODE, 710:
ORIENTATION FILM, 711: LIQUID CRYSTAL MATERIAL, 712: ORIENTATION
FILM, 714: PILLAR SPACER, 716: SECOND SUBSTRATE, 720:

CHANNEL-FORMING REGION, 721: SOURCE OR DRAIN REGION, 722:
SOURCE OR DRAIN REGION, 723a: LOWER LAYER OF GATE ELECTRODE,
723b: UPPER LAYER OF GATE ELECTRODE, 724a: LOWER LAYER OF DRAIN
OR SOURCE WIRING, 724b: UPPER LAYER OF DRAIN OR SOURCE WIRING,
5 725: LOW-CONCENTRATION IMPURITY REGION, 726:
LOW-CONCENTRATION IMPURITY REGION, 731: OPTICAL FILM, 732:
OPTICAL FILM, 734: LIGHT GUIDE PLATE, 735: LED, 1001: FIRST SUBSTRATE,
1002: BASE INSULATING FILM, 1003R: TFT, 1003G: TFT, 1003B: TFT, 1005:
GATE INSULATING FILM, 1006: INTERLAYER INSULATING FILM, 1007:
10 FLATTENING INSULATING FILM, 1008: FIRST ELECTRODE, 1009: PARTITION
WALL, 1010: SECOND ELECTRODE, 1011: PROTECTIVE LAYER, 1012:
PROTECTIVE LAYER, 1014: SPACE, 1015R: LAYER CONTAINING ORGANIC
COMPOUND, 1015G: LAYER CONTAINING ORGANIC COMPOUND, 1015B:
LAYER CONTAINING ORGANIC COMPOUND, 1016: SECOND SUBSTRATE,
15 1020: CHANNEL-FORMING REGION, 1021: SOURCE OR DRAIN REGION, 1022:
SOURCE OR DRAIN REGION, 1023a: LOWER LAYER OF GATE ELECTRODE,
1023b: UPPER LAYER OF GATE ELECTRODE, 1024a: LOWER LAYER OF
DRAIN OR SOURCE WIRING, 1024b: UPPER LAYER OF SOURCE OR DRAIN
WIRING, 1201: SOURCE SIDE DRIVER CIRCUIT, 1202: PIXEL PORTION, 1203:
20 GATE SIDE DRIVER CIRCUIT, 1204: SEALING SUBSTRATE, 1205: SEALING
MATERIAL, 1207: CONNECTION REGION, 1208: TERMINAL PORTION, 1209:
FPC, 1210: SUBSTRATE, 1301: DRIVER IC, 1302: PIXEL PORTION, 1304:
SEALING SUBSTRATE, 1305: SEALING MATERIAL, 1307: CONNECTION
REGION, 1308: TERMINAL PORTION, 1309: FPC, 1310: SUBSTRATE, 2001:

CASE, 2002: SUPPORTING STAND, 2003: DISPLAY PORTION, 2004: SPEAKER
PORTION, 2005: VIDEO INPUT TERMINAL, 2101: MAIN BODY, 2102: DISPLAY
PORTION, 2103: IMAGE RECEIVING PORTION, 2104: OPERATION KEY, 2105:
EXTERNAL CONNECTION PORT, 2106: SHUTTER, 2201: MAIN BODY, 2202:
5 CASE, 2203: DISPLAY PORTION, 2204: KEYBOARD, 2205: EXTERNAL
CONNECTION PORT, 2206: POINTING MOUSE, 2301: MAIN BODY, 2302:
DISPLAY PORTION, 2303: SWITCH, 2304: OPERATION KEY, 2305: INFRARED
PORT, 2401: MAIN BODY, 2402: CASE, 2403: DISPLAY PORTION A, 2404:
DISPLAY PORTION B, 2405: RECORDING MEDIUM READING PORTION, 2406:
10 OPERATION KEY, 2407: SPEAKER PORTION, 2501: MAIN BODY, 2601: MAIN
BODY, 2602: DISPLAY PORTION, 2603: CASE, 2604: EXTERNAL CONNECTION
PORT, 2605: REMOTE CONTROL RECEIVING PORTION, 2606: IMAGE
RECEIVING PORTION, 2607: BATTERY, 2608: AUDIO INPUT PORTION, 2609:
OPERATION KEY, 2701: MAIN BODY, 2702: CASE, 2703: DISPLAY PORTION,
15 2704: AUDIO INPUT PORTION, 2705: AUDIO OUTPUT PORTION, 2706:
OPERATION KEY, 2707: EXTERNAL CONNECTION PORT, 2708: ANTENNA,
2901: MAIN BODY, 2902: OPERATION KEY, 2903: DISPLAY PORTION, 2904:
CONNECTION CORD, 2905: SPEAKER PORTION